

CFD Permit Types and Descriptions

CODE:	TYPE PERMIT:	DESCRIPTION:
1	Aerosol Products	To manufacture, store, or handle an aggregate quantity of Level 2 or 3 aerosol products in excess of 500 pounds.
2	Amusement Bldgs.	To operate a special amusement building (i.e. haunted house, interior carnival rides) which convey occupants via a walkway or ride, etc.
3	Aviation Facility	To use a Group H or S occupancy for the servicing and/or repair of aircraft.
4	Carnivals and Fairs	To operate or conduct a carnival or fair. Note: Refer to SOG 231 for additional req.
5	Combustible Dust Producing Operation	To operate a grain elevator, flour starch mill, feed mill, or a plant pulverizing aluminum, coal, cocoa, magnesium, spices or sugar, or other operations producing comb. dust.
6	Combustible Fibers	The storage and handling of combustible fibers in quantities greater than 100 cubic ft.
7	Compressed Gases	The storage, use and handling of compressed gases in amounts exceeding: 200 cubic feet of corrosive, 6000 cubic feet of inert or simple asphyxiant, 504 cubic feet of oxidizing (including oxygen), or any amount of toxic or highly toxic gas.
8a	Covered Mall Bldgs.	For the placement of retail fixtures and displays, concession equipment, or displays of highly combustible goods in the mall.
8b	Covered Mall Bldgs.	For the display of liquid-or gas-fired equipment in a mall building.
8c	Covered Mall Bldgs.	For the use of open-flame producing equipment in a mall building.
9	Cryogenic Fluids	To produce, store, transport on site, use, handle or dispense cryogenic fluids in excess of: >1 gal. flammable inside/60 gals. outside; 60 gals. inert inside/500 gals. outside; 10 gals. oxidizing (incl. oxygen) inside/50 gals. outside; or any amount posing a physical or health hazard inside or outside.
10	Dry Cleaning Plants	To engage in the business of dry cleaning utilizing nonaqueous liquids (solvents).
11	Exhibits/Trade Shows	To operate an exhibit or trade show.
12a	Explosives	For the manufacture, storage and handling of explosives.
12b	Explosives	For blasting operations (good for one year or length of project).
12c	Explosives	For Indoor fireworks display.
12d	Explosives	For Outdoor fireworks display.
12e	Explosives	For fireworks sales. Note: Excludes fireworks allowed by NC General Statute 14-414.
13a	Flammable Liquids	For the storage of flammable liquids, 5 to 50 gals. Inside, or 10 to 50 gals. outside.
13b	Flammable Liquids	For the storage of flammable liquids, 51 to 500 gals. on the property.
13c	Flammable Liquids	For the storage of flammable liquids, 501 to 5000 gals. on the property.
13d	Flammable Liquids	For the storage of flammable liquids, greater than 5000 gals. on the property.
14a	Combustible Liquids	For the storage of combustible liquids, 25 to 60 gals. on the property.
14b	Combustible Liquids	For the storage of combustible liquids, 61 to 500 gals. on the property.
14c	Combustible Liquids	For the storage of combustible liquids, 501 to 5,000 gals. on the property.
14d	Combustible Liquids	For the storage of combustible liquids, greater than 5000 gals. on the property.
15	Flammable and Combustible Liquids	To operate tank vehicles, equipment, tanks, plants, terminals, wells or refineries.
16	Flammable and Combustible Liquids	To install, alter, remove, abandon in place, or place temporarily out of service below or above-ground tanks.
17	Flammable and Combustible Liquids	To change the type of contents in a tank to a product greater in hazard than tank designed for.
18	Flammable and Combustible Liquids	To manufacture, process, blend or refine flammable or combustible liquids.
19	Flammable and Combustible Liquids	To engage in dispensing fuel into the fuel tanks of motor vehicles at commercial, governmental or manufacturing establishments, (including service stations) .
20	Flammable and Combustible Liquids	To utilize a site for the dispensing of fuels from tank vehicles into the fuel tanks of motor vehicles.
21	Fumigation and Thermal Insecticidal Fogging	To operate a business of fumigation or thermal insecticidal fogging, and to maintain a room, vault or chamber where a toxic or flammable fumigant is used.
22a	Hazardous Materials	To store, dispense, use or handle hazardous materials in amounts <110 gallons, <1,000 lbs., or <1,000 cu. ft. Note: See below minimum amts. for all haz mat permits.

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22b	Hazardous Materials	To store, dispense, use or handle hazardous materials from 111 to 1,100 gallons, 1,001 to 10,000 lbs., or 1,001 to 10,000 cubic feet.
22c	Hazardous Materials	To store, dispense, use or handle hazardous materials from 1,101 to 5,500 gallons, 10,001 to 50,000 lbs., or 10,001 to 50,000 cubic feet.
22d	Hazardous Materials	To store, dispense, use or handle hazardous materials in amounts >5,500 gallons, >50,000 lbs., or >50,000 cubic feet.
24	Lumber Yards and Wood-Working Plants	For the storage and processing of lumber exceeding 100,000 board feet. Note: One board foot is 12 inches wide, 12 inches long, and 1 inch thick.
25	Deleted	
26	Place of Assembly	To operate a Place of Assembly (50 or more persons built under the IFC, 100 or more persons built under the 1996 Standard Building Code or earlier).
27	Repair Garages	For the operation or use of a building, or portion thereof, for the repair of motor vehicles.
28	Rooftop Heliports	For the operation of a rooftop heliport.
29	Spraying and Dipping Operations	To conduct a spraying or dipping operation utilizing flammable or combustible liquids, or the application of combustible powders regulated by Chapter 15.
30	Temp. Membrane Structures Tents, Canopies	To operate an air-supported temporary membrane structure or a tent in excess of 200 square feet, or a canopy in excess of 400 square feet (see exceptions below).
31	Tire Rebuilding Plants	For the operation and maintenance of a tire rebuilding plant.
32	Waste Handling	For the operation of wrecking yards, junk yards and waste material handling facilities.
33	Day Cares/Group Homes	To operate a state licensed day care or group home

Threshold amounts for Hazardous Material Permits:

Corrosive Materials: *Liquids:* 55 gallons, *Solids:* 1000 lbs. (Note: Corrosive gases covered under permit type code 7).

Flammable Solids: 100 lbs. (Flammable gases and liquids covered under permit codes 7 and 13a thru 13d respectfully).

Highly Toxic Materials: Any amount of liquids or solids (gases covered under permit type code 7). **Note:** Refer to Section 3702 for definition of "highly toxic" material, and Appendix E for hazard categories of most common highly toxic materials.

Oxidizing Materials: *Liquids:* Class 4 - any amount, Class 3 - 1 gallon (*exception:* 20 gals. for maintenance purposes or sanitation of equipment, provided containers and manner of storage are approved), Class 2 - 10 gallons, Class 1 - 55 gallons. *Solids:* Class 4 - any amount, Class 3 - 10 lbs. (*exception:* 200 lbs. utilizing same criteria established above for liquids), Class 2 - 100 lbs., Class 1 - 500 lbs. **Note:** Refer to Appendix E for hazard categories of most common oxidizers.

Organic Peroxides: *Liquids:* Class 1 - any amount, Class 2 - any amount, Class 3 - 1 gallon, Class 4 - 2 gallons, Class 5 - no permit required. *Solids:* Class 1 - any amount, Class 2 - any amount, Class 3 - 10 lbs., Class 4 - 20 lbs., Class 5 - no permit required. **Note:** Refer to Appendix E for hazard categories of most common organic peroxides.

Pyrophoric Materials: *Liquids or Solids:* any amount. **Note:** Refer to Appendix E for hazard categories of most common pyrophoric materials.

Toxic Materials: *Liquids:* 10 gallons, *Solids:* 100 lbs. Refer to Section 3702 for definition of "toxic material", and Appendix E for hazard categories of most common toxic materials.

Unstable Materials: *Liquids:* Class 4 - any amount, Class 3 - any amount, Class 2 - 5 gallons, Class 1 - 10 gallons. *Solids:* Class 4 - any amount, Class 3 - any amount, Class 2 - 50 lbs., Class 1 - 100 lbs. **Note:** Refer to Appendix E for hazard categories of most common unstable materials.

Water- Reactive Materials: *Liquids:* Class 3 - any amount, Class 2 - 5 gallons, Class 1 - 55 gallons. *Solids:* Class 3 - any amount, Class 2 - 50 lbs., Class 1 - 500 lbs. **Note:** Refer to Appendix E for hazard categories of most common water-reactive materials.

Tent and Canopy Permit exceptions:

Tents used exclusively for recreational camping purposes, or canopies open on all sides which: (1) Do not exceed 700 square feet, (2) Multiple canopies without a fire break clearance of no less than 12 feet that have an aggregate area of 700 square feet, and (3) a minimum clearance of 12 feet is maintained from other tents and structures.